How the Tests are Done

First the technician will prepare your skin to be clean, dry, and free of any lotions or oils so the sensory pads can be placed on your head or under your eyelids.

After positioning the sensory pads, the technician starts the test. He or she may ask that you cover one eye at a time to record each eye's response independently. Once the test begins, you will see a series of black and white patterns that appear to "flip" quickly over and over again on a computer screen. It is simply a matter of looking at the pattern for the duration of the test.

Preparing for Your Test

It is best for your hair and face to be clean, dry, and free of any gels, sprays or oils.

We recommend the Diopsys® NOVA Vision Test as part of your Vision Care Program

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DIOPSYS
Advancing the Science of Vision Testing
www.diopsys.com

DIOPSYS® NOVA
OFFICE BASED NEURO OPTIC VISION ASSESSMENT SYSTEMS

The Pathway to Visual Health

Your Guide to
Visual Evoked Potential (VEP) &
Pattern Electroretinography (ERG)
Vision Testing

Diopsys® NOVA Vision Testing System

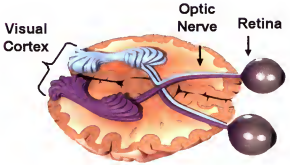
The Diopsys® NOVA Vision Testing System provides your doctor with painless, non-invasive vision tests that utilize electrophysiological technology, including Visual Evoked Potential (VEP) and pattern Electroretinography (ERG).

The purpose of these tests is to provide comprehensive information to assist your doctor in better planning your treatment (if needed) and monitoring the results.

Visual Evoked Potential (VEP)

Visual Evoked Potential (VEP) measures the electrical activity in the vision system. When light from an image enters your eye, it is converted into electrical energy at the retina and travels through the optic nerve to the visual cortex of the brain which processes vision. The Diopsys® NOVA-VEP test measures the strength of the signal reaching your visual cortex and how fast it gets there.

The VEP technology in the Diopsys® NOVA device helps determine how your eyes communicate with your brain in a way that no other instrument or vision test can.



Pattern Electroretinography (ERG)

Pattern Electroretinography (ERG) measures the function of your retina - the light-sensitive layer at the back of your eye. When light from an image enters the eye, it is converted into electrical energy by specialized cells in the retina. These cells send electrical impulses through the optic nerve to the brain where the image is processed. The Diopsys® NOVA-ERG test records how well the cells of the retina are conveying electrical impulses within the eye.

ERG results have been demonstrated to aid in the diagnosis and treatment planning of many vision disorders.